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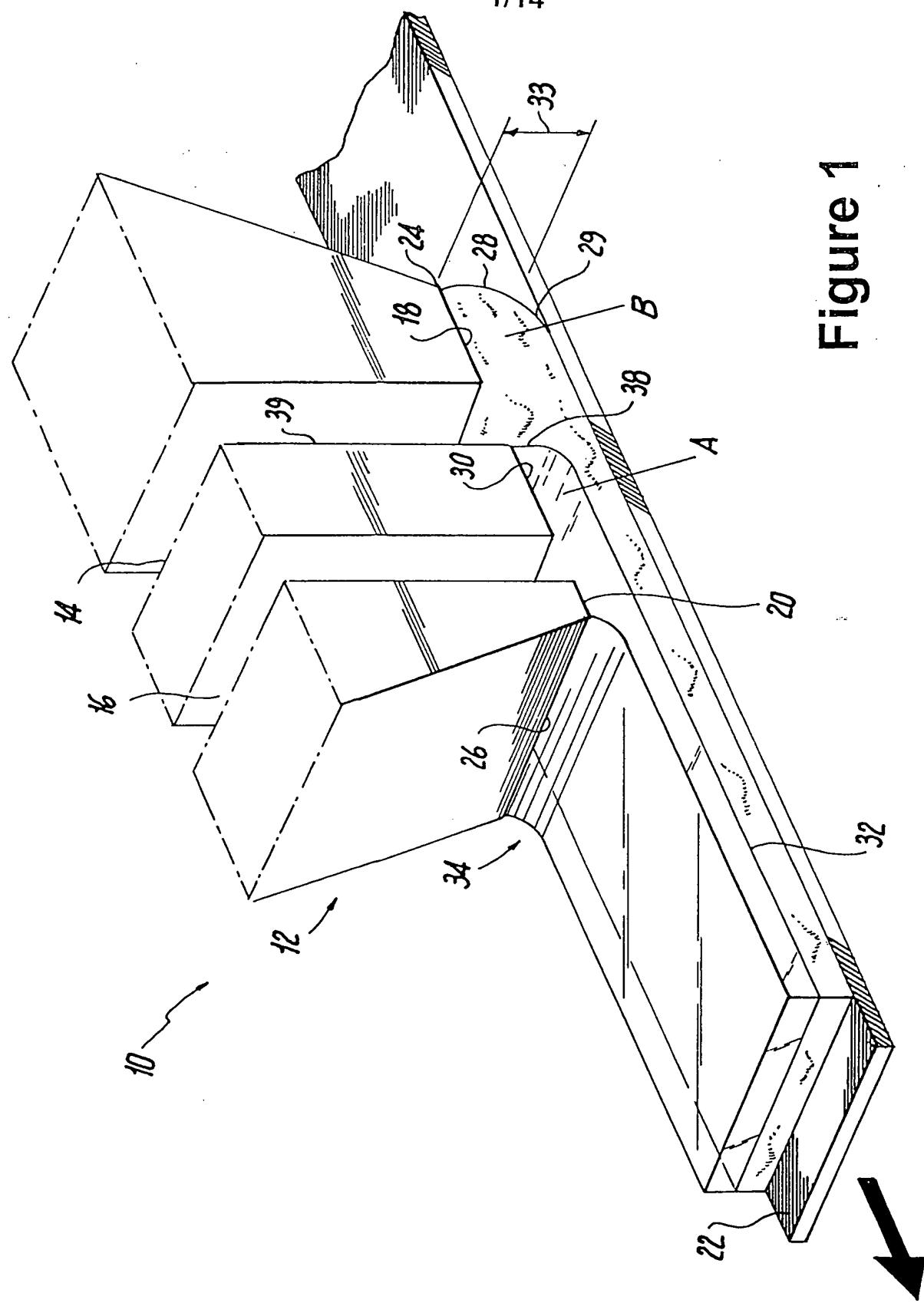
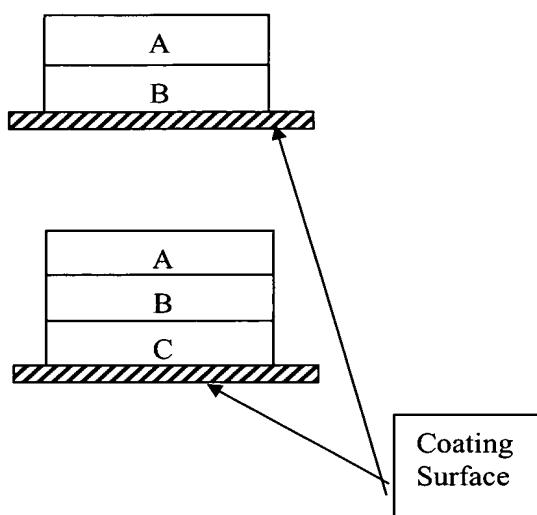


Figure 1



Figure 2



Type I (Pore Size)A > (Pore Size)B

Type II (Pore Size)A = (Pore Size)B

Type IV (Pore Size)A = (Pore Size)C > (Pore Size)B

Type V (Pore Size)A = (Pore Size)C < (Pore Size)B

Type VI (Pore Size)A > (Pore Size)B > (Pore Size)C

Type VII (Pore Size)C > (Pore Size)B > (Pore Size)A

Figure 3



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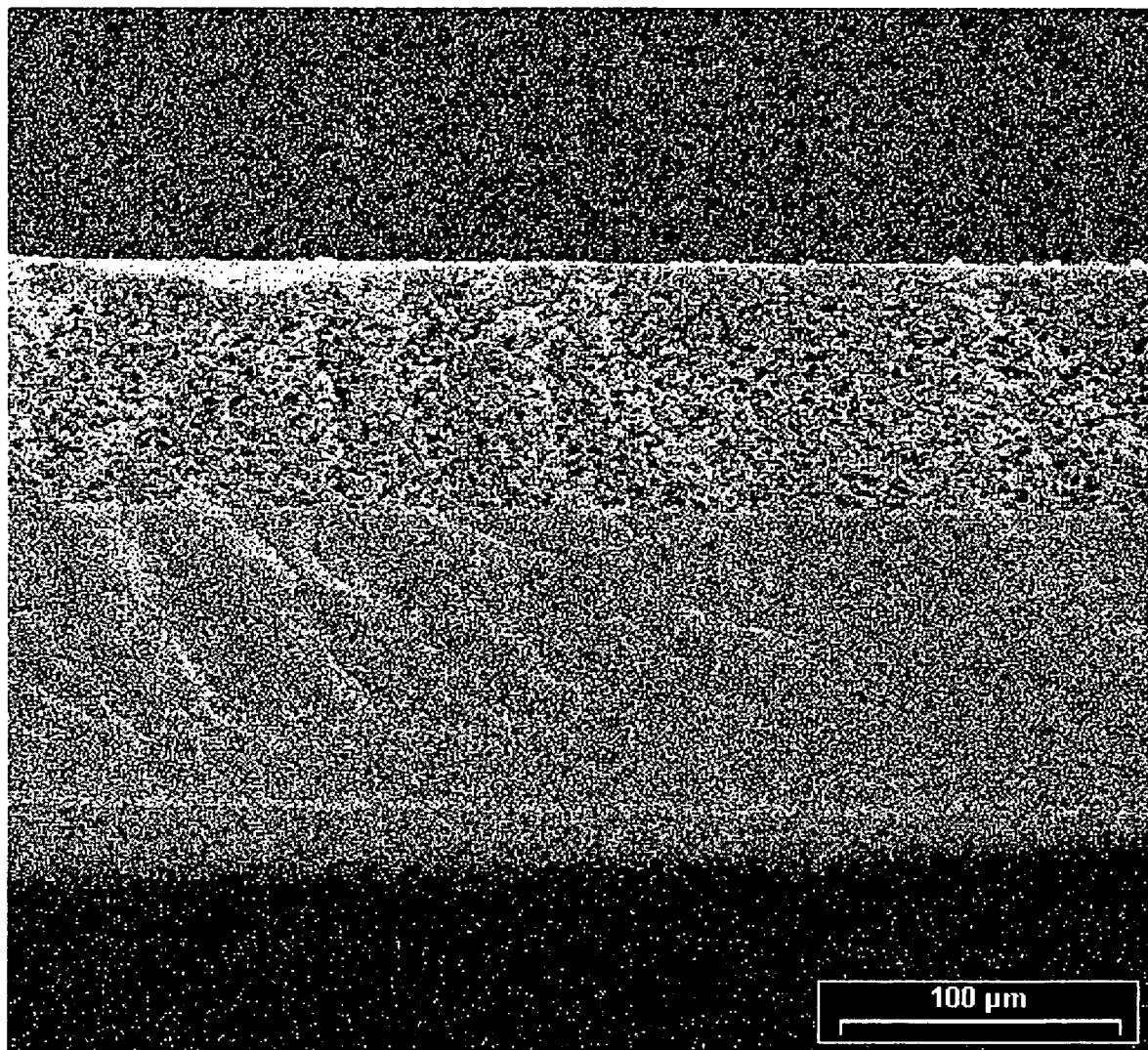


Figure 4. 0228sd67.5



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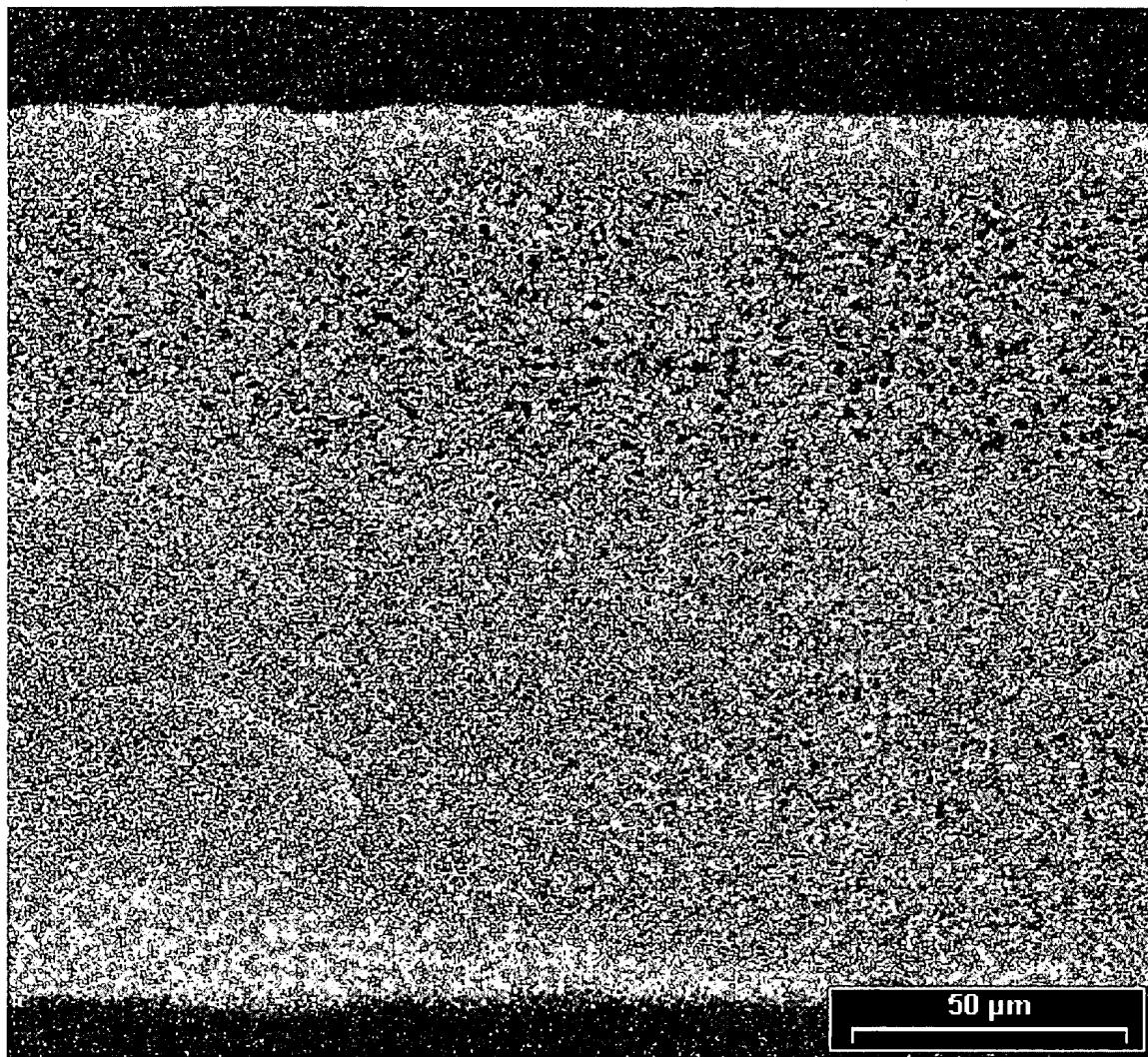


Figure 5. Cross-section of 0410S67.5



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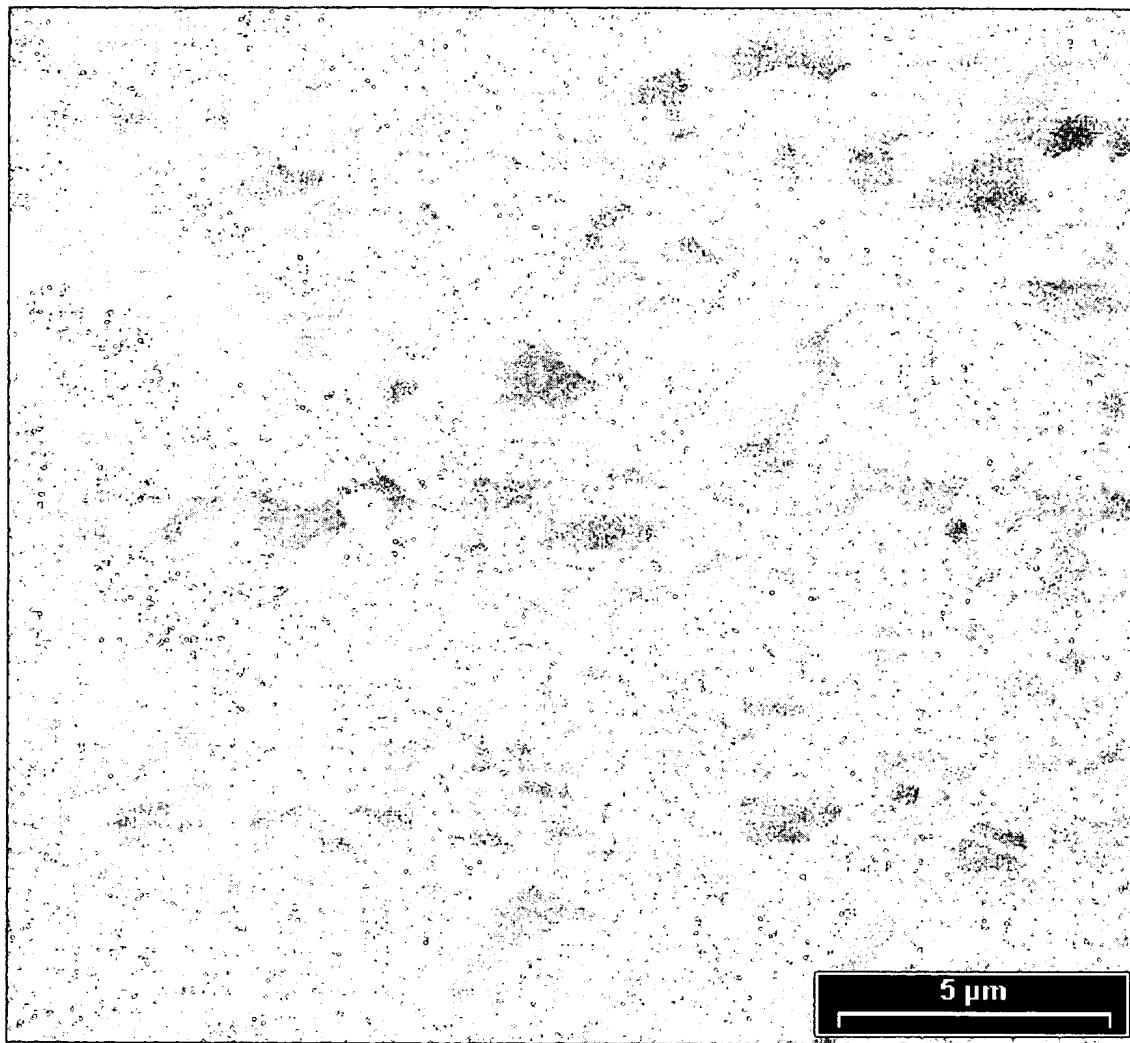
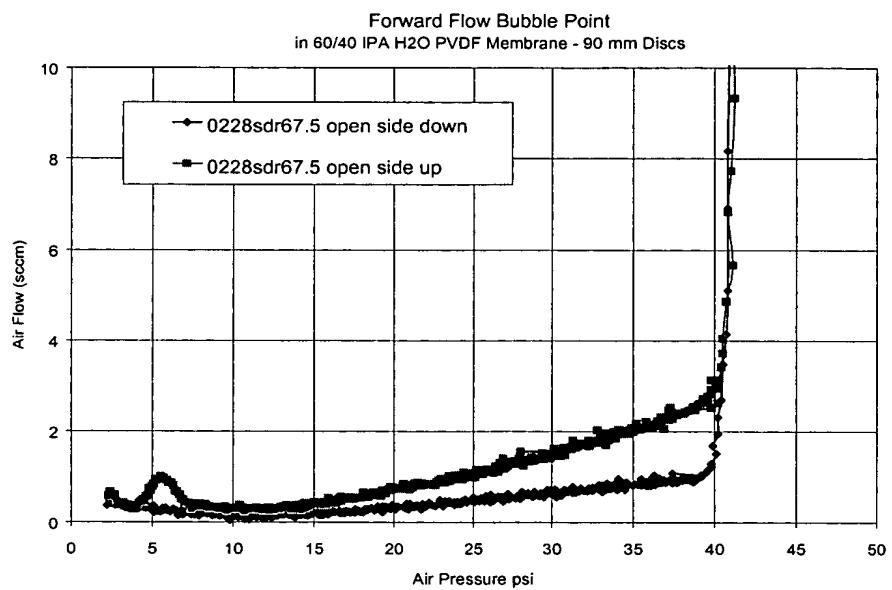


Figure 6. Close-up of 0410S67.5



Figure 7





Forward Flow Bubble Point
in 60/40 IPA/H₂O PVDF Membrane - 90 mm Disc

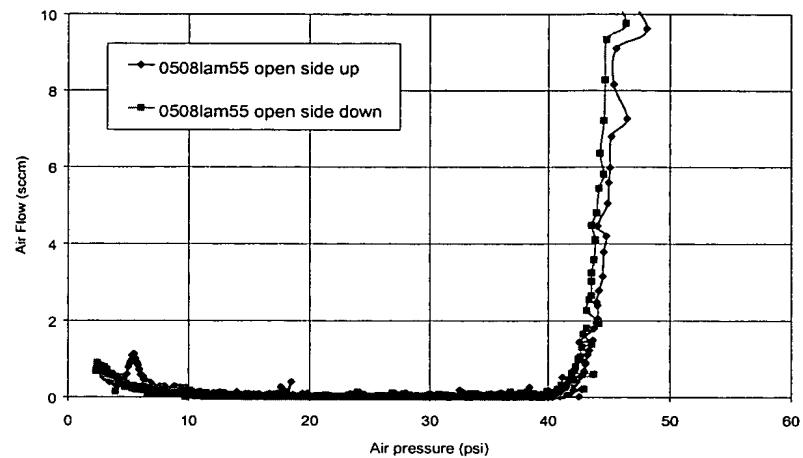


Figure 8

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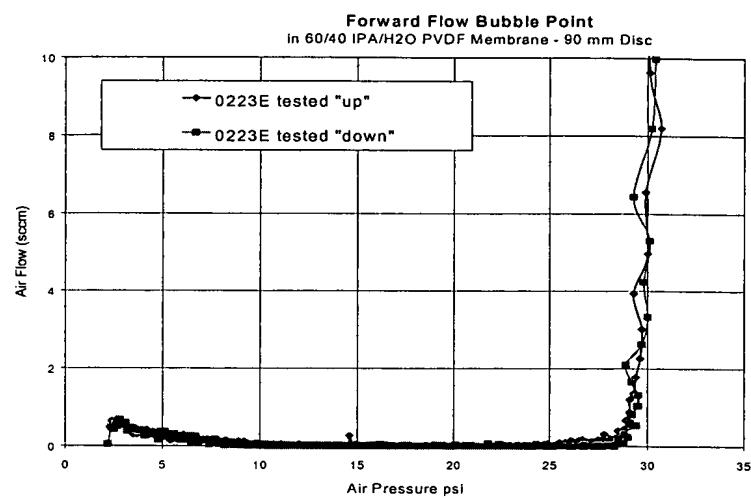


Figure 9

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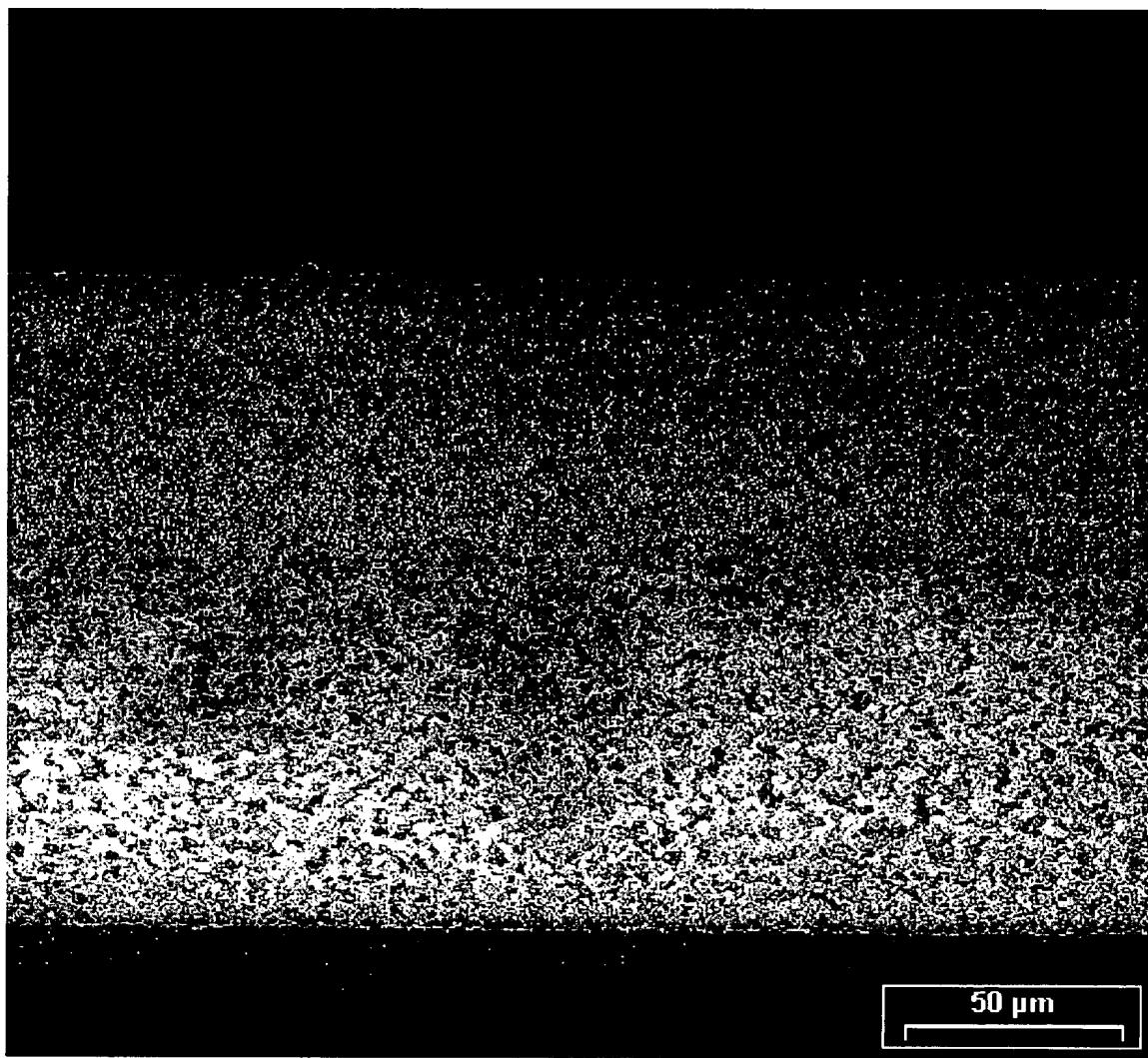
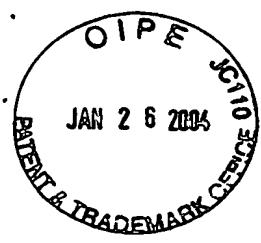


Figure 10. Cross section of 0508lam



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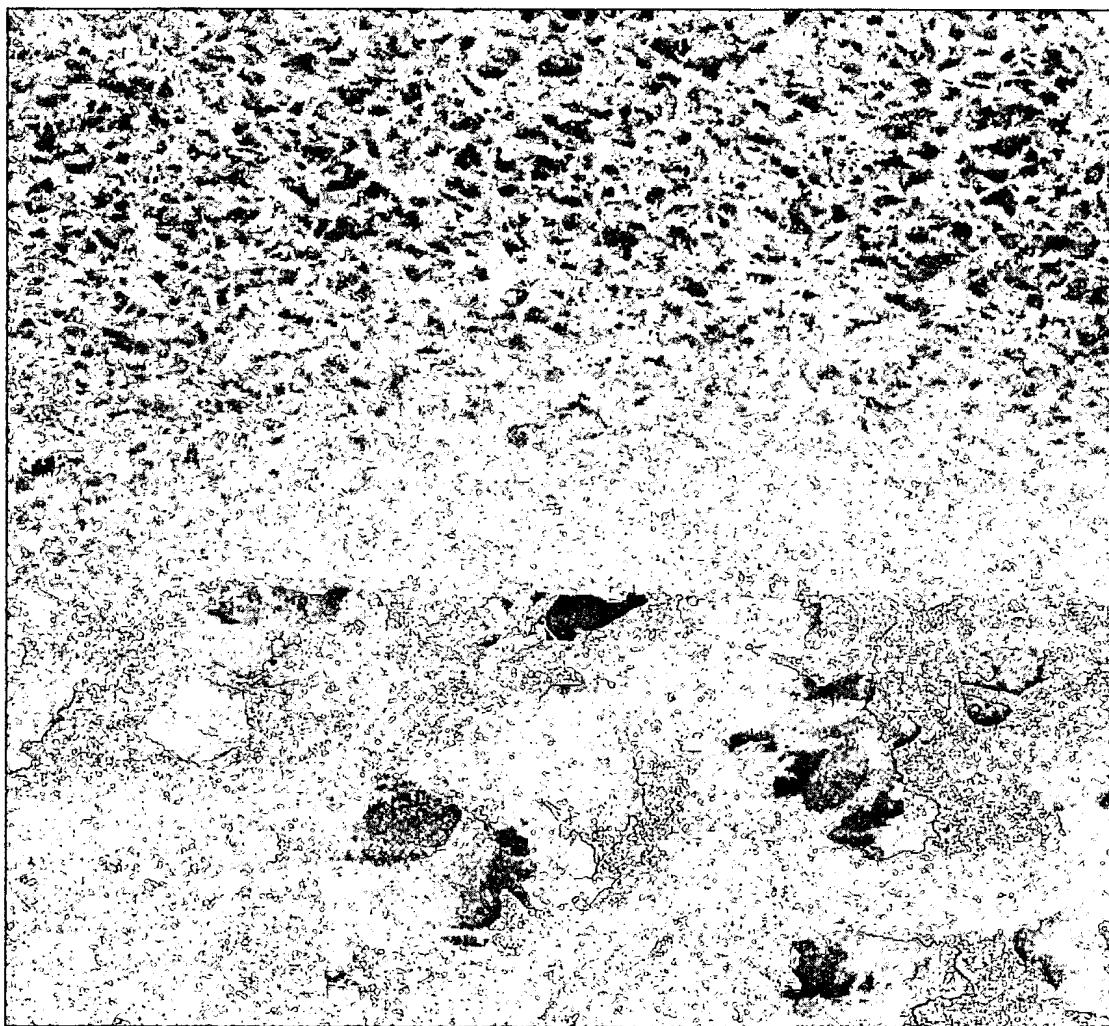


Figure11. Close up of Figure 10



Forward Flow Bubble Point in 60/40 IPA/H₂O
Bobcat Casting Trial - Sample 206

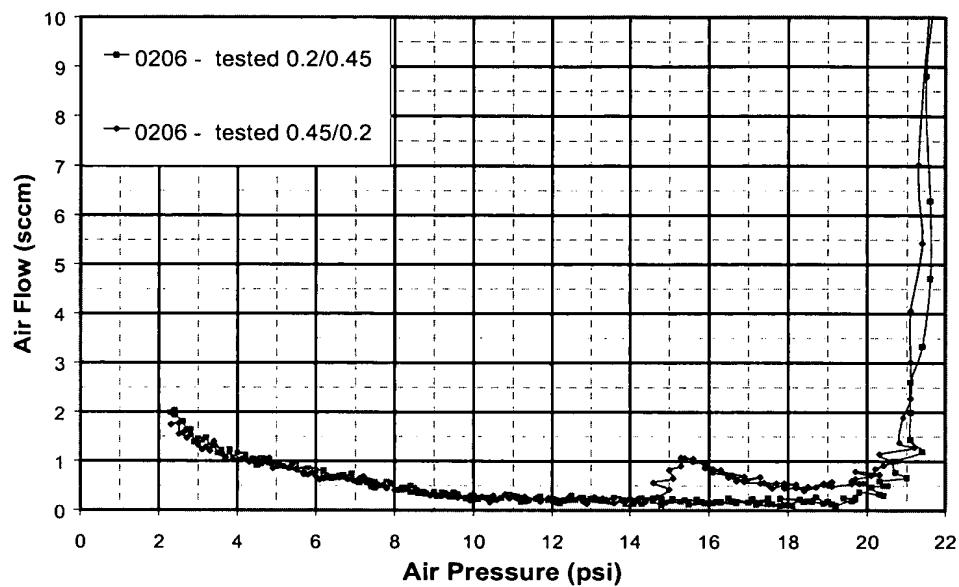


Figure 12



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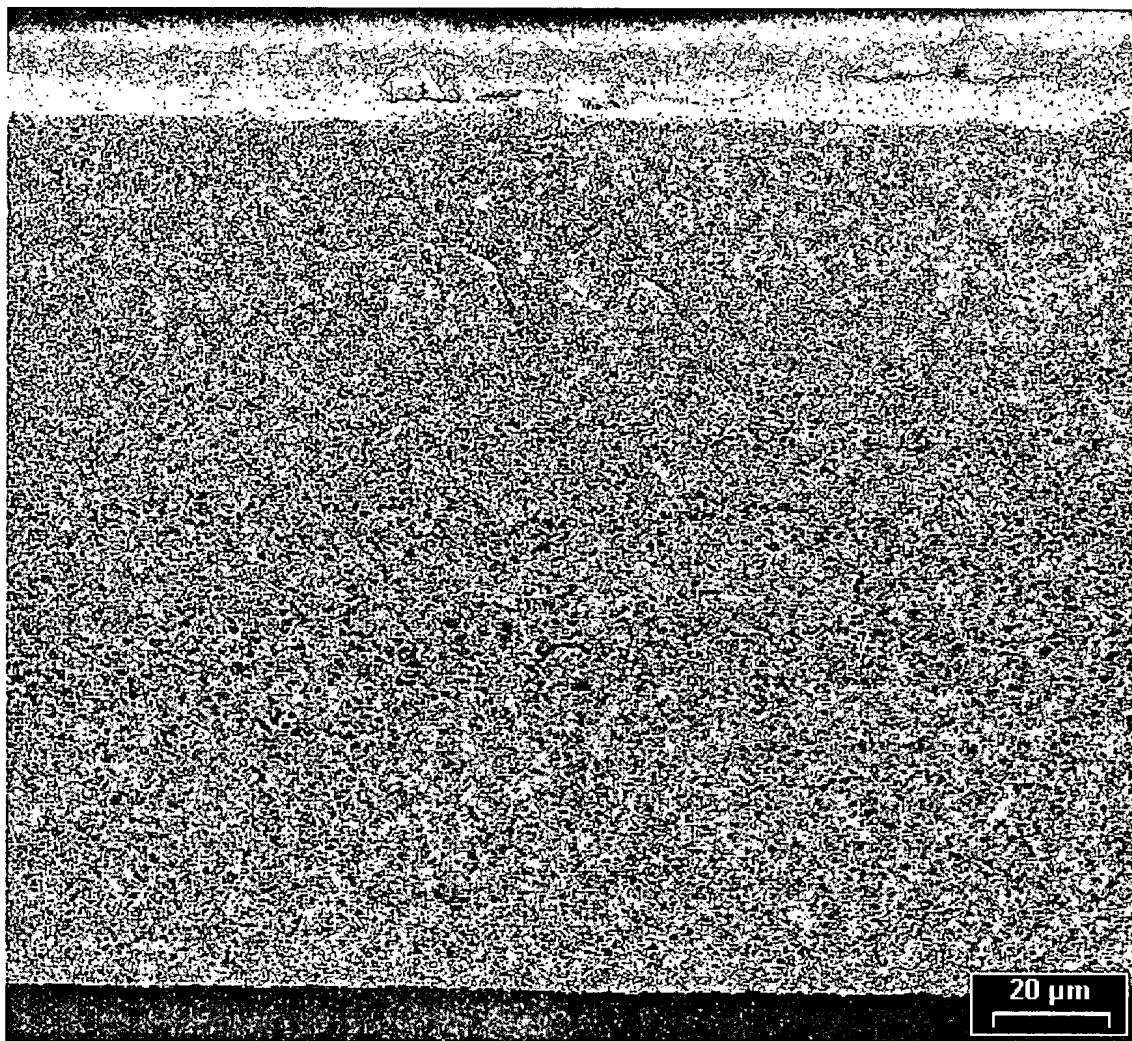


Figure 13. Cross-section of membrane # 0103



Forward Flow Bubble Point in 60/40 IPA/H₂O Nylon Membrane Sample 103

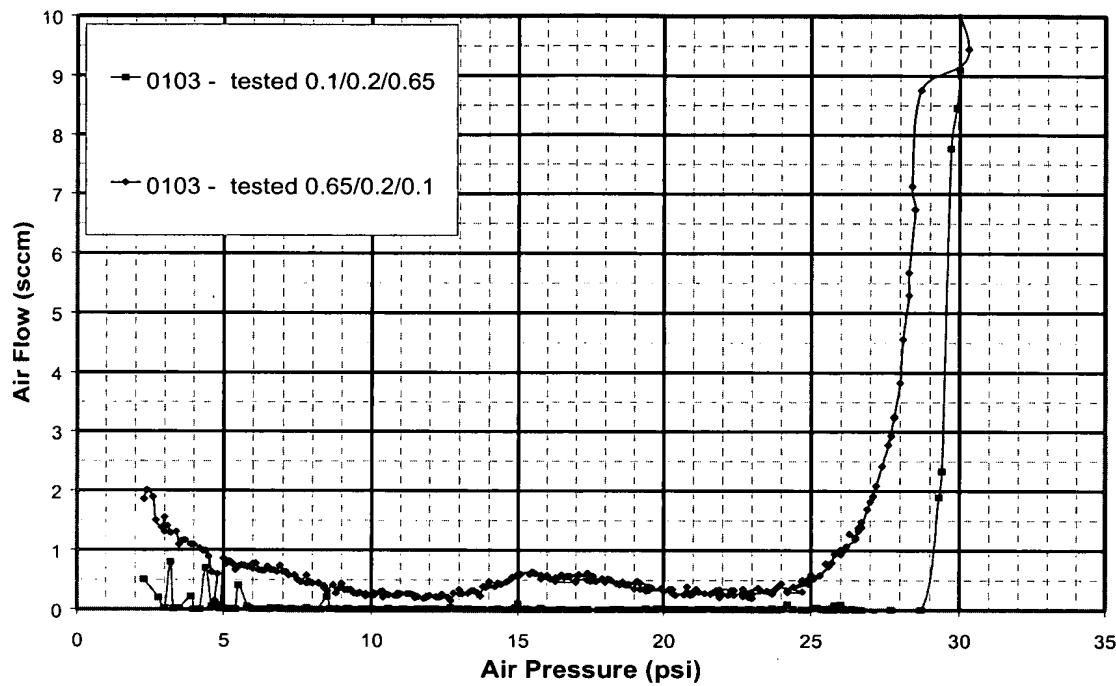


Figure 14



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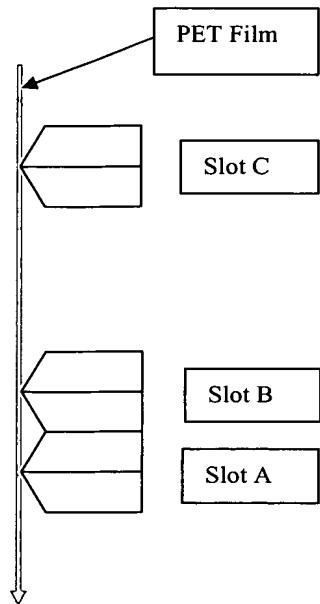


Figure 15. Order of dope application: slot C, B, A